




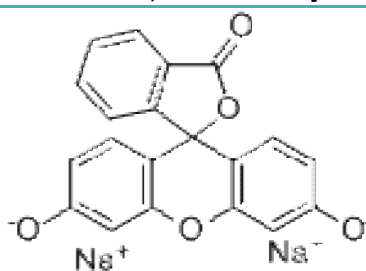
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Alco Fluorescent Yellow WS

BASIC GENERAL INFORMATION

	Chemical Name	Fluorescein disodium salt - Uranine
	I.U.P.A.C. Name	3',6'-dihydroxyspiro[2-benzofuran-3,9'-xanthene]-1-one
	C.A.S. Number	518-47-8
	Molecular Formula	C ₂₀ H ₁₀ Na ₂ O ₅
	Molecular Weight	376.27
	EINECS	208-235-0
	Color Index N°	45350
	Isosbestic point	460 nm
D&C Name	Yellow N° 8	
		

Properties 	Melting Point	320°C
	Solubility	Water: 300 g/L (25°C); Alcohol: Soluble
	Odor and Taste	Odorless and almost tasteless
	Physical appearance	Orange-red to dark red powder
	pH stability range in soln.	5 – 10
	pH (5% solution)	7.8
	Air and humidity	Hygroscopic
Reactivity Profile	Reaction to light and heat	Sensitive to prolonged exposure
	Incompatibility	Strong oxidizers, acids and heavy metal salts

APPLICATIONS

Alco Fluorescent Yellow WS is widely used in several industries. This greenish-yellow fluorescent dye is used in leak detection, ground water tracing, carwash foam, automotive coolants (antifreeze), a variety of soaps, liquid dish detergents, hard-surface cleaners and other cleaning chemicals formulations, dyeing wool and silk, as an Air-Sea rescue marker and coloring agrochemicals and fertilizers. It has been approved by FDA for use in externally applied drugs and cosmetics.



Alco Fluorescent Yellow WS
Uranine

PACKING: 10 Kg (22 Lb) Carton box

All technical data, recommendations and service are accurate to the best of our knowledge. Novact Corporation assumes no responsibility for the results obtained or damage incurred from use by the buyer in whole or in part since method of application and its use is beyond our control. It is the responsibility of the user to test the suitability of the products under their processing conditions